

Title (en)
REACTIVE POLYOLEFIN HOT-MELT ADHESIVE WITH LOWER REACTIVATION TEMPERATURE AND USE THEREOF IN DEEP DRAW VACUUM LAMINATION

Title (de)
REAKTIVER POLYOLEFINSCHMELZKLEBSTOFF MIT NIEDRIGER REAKTIVIERUNGSTEMPERATUR UND VERWENDUNG DAVON IN TIEFZIEHVAKUUMLAMINIERUNG

Title (fr)
ADHÉSIF THERMOFUSIBLE À BASE DE POLYOLÉFINE RÉACTIVE À BASSE TEMPÉRATURE DE RÉACTIVATION ET SON UTILISATION DANS LA STRATIFICATION SOUS VIDE PAR EMBOUTISSAGE PROFOND

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Abstract (en)
The invention relates to a reactive polyolefin hot-melt composition and use thereof in producing composite elements by thin film lamination, especially by vacuum deep draw laminating and IMG-laminating processes. The hot-melt composition comprises at least one thermoplastic silane group containing poly- \pm -olefin that is solid at 25 °C, at least one non-functionalized amorphous propylene-ethylene copolymer wax having a softening point of not more than 120 °C, and at least one paraffin wax having a softening point in the range from 80 to 130 °C. The invention is also related to a method for producing a composite element comprising a polymeric film and a carrier, to a composite element obtainable by use of the method, and to the use of the hot-melt adhesive composition as adhesive in vacuum deep draw laminating or in IMG-laminating process.

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Citation (applicant)
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